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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/520,526	01/07/2005	Thomas Belling	449122078900 9255	
25227	7590 10/17/2005		EXAMINER	
	N & FOERSTER LLP	HEALY, BRIAN		
SUITE 300	IS BOULEVARD		ART UNIT PAPER NUMBER	
MCLEAN, V	A 22102		2883	
			DATE MAILED: 10/17/200	5

Please find below and/or attached an Office communication concerning this application or proceeding.

	A U Al N -	A				
	Application No.	Applicant(s)	m			
Office Action Summans	10/520,526	BELLING ET AL.				
Office Action Summary	Examiner	Art Unit				
	Brian M. Healy	2883				
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence addre	ess			
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. If NO period for reply is specified above, the maximum statutory period was reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 16(a). In no event, however, may a reply be tim rill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	N. nely filed the mailing date of this common (35 U.S.C. § 133).				
Status						
1) Responsive to communication(s) filed on	_•					
•	action is non-final.					
3) Since this application is in condition for allowar						
closed in accordance with the practice under E	x parte Quayle, 1935 C.D. 11, 45	53 O.G. 213.				
Disposition of Claims						
4) Claim(s) 1-6 is/are pending in the application.						
4a) Of the above claim(s) is/are withdrawn from consideration.						
5) Claim(s) is/are allowed.						
6)⊠ Claim(s) <u>1-3 and 6</u> is/are rejected.						
7) Claim(s) 4 and 5 is/are objected to.						
8) Claim(s) are subject to restriction and/or	r election requirement.		1			
Application Papers						
9) The specification is objected to by the Examine	r.					
10)⊠ The drawing(s) filed on <u>07 January 2005</u> is/are: a)⊠ accepted or b)□ objected to by the Examiner.						
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).						
11)☐ The oath or declaration is objected to by the Ex	aminer. Note the attached Office	Action or form PTO	-152.			
Priority under 35 U.S.C. § 119						
12)⊠ Acknowledgment is made of a claim for foreign	priority under 35 U.S.C. § 119(a))-(d) or (f).				
a)⊠ All b)□ Some * c)□ None of:						
1.⊠ Certified copies of the priority documents	s have been received.					
2. Certified copies of the priority documents	s have been received in Applicati	on No				
3. Copies of the certified copies of the prior	ity documents have been receive	ed in this National St	age			
application from the International Bureau	ı (PCT Rule 17.2(a)).					
* See the attached detailed Office action for a list	of the certified copies not receive	ed.				
Attachment(s)						
1) Notice of References Cited (PTO-892)	4) Interview Summary	(PTO-413)				
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) Paper No(s)/Mail Date 3) ☑ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/0k) 5) ☐ Notice of Informal Patent Application (PTO-152)						
3) Information Disclosure Statement(s) (*TO-1449 or PTO/SB/0t) Paper No(s)/Mail Date 03042005.	5) Notice of Informal P 6) Other:	ачепт Арріісатіол (РТО-1	5 2)			
S. Patent and Trademark Office	<u> </u>		 			

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FOREIGN PRIORITY

Acknowledgment is made of applicant's claim for foreign priority based on an application filed in GERMANY on 07/09/2002.

102 REJECTIONS

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

Claims 1-3 and 6 are rejected under 35 U.S.C. 102(e) as being anticipated by Narasimham et. al., U.S.P. No.6,446,192.

Narasimham et. al. 192' teaches (Figs.1-12) an arrangement for connecting an optical fiber waveguide 32 to a microprocessor-controlled electrical appliance comprising: an arithmetic module 38 which is connected to an electrical appliance and

has network functionalities for linking the electrical appliance to a network, am interface chip/module 36 (the chip can support ASIC functionalities) connected to the arithmetic module in the form of an integrated circuit chip wherein the interface chip/module can also be inclusive of optical transmission/reception chip which is connected to an optical waveguide and the interface chip can include other functional modules that can provide network functionalities, which clearly, fully meets Applicant's claimed limitations.

ALLOWABLE SUBJECT MATTER

Claims 4 and 5 are objected to as containing allowable subject matter and would be considered allowable if they are rewritten or amended to include the limitations of the independent claims and any intervening claims. None of the references of record teaches or suggests includes an interface chip of EPLD and FPGA.

A copy of PTO-1449 will be included in this office action.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure: Wijma et. al., U.S.P. No.US 2002/0009920 A1 (Figs.1-5), Eisenbrandt et. al., U.S.P. No.5,818,428 (Figs.1-11) and Erbse et. al., U.S.P. No. 6,071,015 (Figs.1-12).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian M. Healy whose telephone number is (571)272-2347. The examiner can normally be reached on Compressed schedule Tues.-Thurs.7AM-4:30PM.

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Business Center (EBC) at 866-217-9197 (toll-free).

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Frank Font can be reached on (571)272-2415. The fax phone number for

the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic

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Brian Healy
Primary Examiner